



Electronics Engineer

Electronics engineers design, develop, test and maintain electronic parts and systems used in computers, communications, navigation, industry and entertainment.

Electronics engineers may perform the following tasks:

- Design circuits for electronic control systems and instrumentation
- Prepare and supervise designs, specifications, estimates, tenders and contracts
- Program and operate computers to assist with complex calculations
- Work out the type and arrangement of circuit parts & develop testing equipment and methods
- Work out the type of installation, layout and transmission medium by assessing communication traffic and levels of service at installations
- Work out and monitor performance, safety standards and methods for modification maintenance and repair,
- Check installations to make sure they meet contract conditions,
- Research new applications of technology,
- Talk to clients, other engineers, technical officers, technicians, trades people and other workers.

Personal Requirements:

- Good at technical activities
- Good leadership skills
- Able to identify analyse and solve problems
- Good oral and written communication skills
- Enjoy computing and technical design
- Practical and creative
- Able to work independently and accept responsibility.

Source: Job Guide 2011